



Product: [4302UE](#)

Security & Sound, 4 Conductor 18 AWG BC, LSZH, Eca

Product Description

Security & Commercial Audio Cable, 4-18 AWG stranded bare copper conductors with polypropylene insulation, LSZH jacket with ripcord, CPR Eca

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls
------------------------	---

Physical Characteristics (Overall)

Conductor				
AWG	Stranding	Material	Nominal Diameter	No. of Conductors
18	7x26	BC - Bare Copper	1.22 mm	4
Conductor Count:				4

Insulation				
Type	Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
Insulation	PP - Polypropylene	1.5 mm	0.05 mm	0.2 mm

Color Chart	
Number	Color
Wire 1	Black
Wire 2	Red
Wire 3	White
Wire 4	Green

Outer Jacket Material			
Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	4.7 mm	0.4 mm	Provided under the sheath

Construction and Dimensions

Cabling	
Description	
4 wires twisted	

Electrical Characteristics	
Conductor DCR	
Nominal Conductor DCR	
21.3 Ohm/km	
Capacitance	
Nom. Capacitance Conductor to Conductor	
100 pF/m	

Current

Max. Recommended Current [A]
4 A

#### Voltage

Voltage Rating [V]
300 V

#### Temperature Range

Installation Temp Range:	-20°C To +70°C
Storage Temp Range:	-30°C To +70°C
Operating Temp Range:	-20°C To +70°C

#### Mechanical Characteristics

Max. Pull Tension:	180 N
Min Bend Radius During Installation:	47 mm
Min Setting Radius:	23.5 mm

#### Standards

CPR Euroclass:	Eca
----------------	-----

#### Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Eca
EU RoHS Compliance Date (yyyy-mm-dd):	1998-01-01

#### Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	2.5 µS/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3
IEC 61034-2 - Smoke Density Min. Transmittance:	60%

#### Part Number

##### Variants

Item #	Color	Putup Type	Length	EAN
4302UE.00100	Gray	Reel	100 m	8719605006646
4302UE.00500	Gray, RAL 7032	Reel	500 m	8719605006653

#### History

Update and Revision:	Revision Number: 0.179 Revision Date: 05-04-2021
----------------------	--

© 2021 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.